

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A rolling bearing ~~structured such that~~ apparatus comprising:
a roller bearing including
a plurality of rolling ⁽⁴⁾elements ~~are respectively~~ held between an ⁽³⁾inner ring and an ⁽²⁾outer ring
~~rings~~ by a retainer, and
grease is sealed in said rolling bearing by a ⁽²⁰⁾seal [[,]] ;
a rotary ⁽⁶⁾body provided with said ⁽²⁾outer ring; and
a shaft ⁽⁸⁾provided with said ⁽³⁾inner ring ~~can be~~ ,
wherein said rolling bearing apparatus is configured such that said rotary body and said shaft
are connected together by a clutch ⁽¹²⁾mechanism [[, and]] ,
when said rotary ⁽⁶⁾body and said shaft ⁽⁸⁾are connected ~~together by said clutch mechanism~~ , said
rolling bearing can be used on receiving a rotation load, while the relative rotation between said
inner and outer rings is zero, and
wherein an initial radial clearance between said inner and outer rings is set such that a
bearing effective clearance when said rolling bearing is incorporated between said rotary body and
said shaft can provide a positive value.

2. (Original) A rolling bearing as set forth in Claim 1, wherein said bearing effective
clearance is set at 0.020 mm or more.

3. (Previously Presented) A rolling bearing as set forth in Claim 1, wherein the depths of
grooves formed in said inner and outer rings are respectively 17% or more of the diameter of one of
said rolling elements.

4. (Previously Presented) A rolling bearing as set forth in Claim 2, wherein the depths of
grooves formed in said inner and outer rings are respectively 17% or more of the diameter of one of
said rolling elements.

5. (Previously Presented) A rolling bearing as set forth in Claim 1, wherein an interference of a seal lip of said seal is 60% or more of an axial clearance.

6. (Previously Presented) A rolling bearing as set forth in Claim 2, wherein an interference of a seal lip of said seal is 60% or more of an axial clearance.

7. (Previously Presented) A rolling bearing as set forth in Claim 3, wherein an interference of a seal lip of said seal is 60% or more of an axial clearance.

8. (Previously Presented) A rolling bearing as set forth in Claim 4, wherein an interference of a seal lip of said seal is 60% or more of an axial clearance.

9. (Previously Presented) A rolling bearing as set forth in Claim 1, wherein the dynamic viscosity at 40° C of a base oil of said grease is 80 mm²/s or more.

10. (Previously Presented) A rolling bearing as set forth in Claim 2, wherein the dynamic viscosity at 40° C of a base oil of said grease is 80 mm²/s or more.

11. (Previously Presented) A rolling bearing as set forth in Claim 3, wherein the dynamic viscosity at 40° C of a base oil of said grease is 80 mm²/s or more.

12. (Previously Presented) A rolling bearing as set forth in Claim 4, wherein the dynamic viscosity at 40° C of a base oil of said grease is 80 mm²/s or more.

13. (Previously Presented) A rolling bearing as set forth in Claim 5, wherein the dynamic viscosity at 40° C of a base oil of said grease is 80 mm²/s or more.

14. (Previously Presented) A rolling bearing as set forth in Claim 6, wherein the dynamic viscosity at 40° C of a base oil of said grease is 80 mm²/s or more.

15. (Previously Presented) A rolling bearing as set forth in Claim 7, wherein the dynamic viscosity at 40° C of a base oil of said grease is 80 mm²/s or more.

16. (Previously Presented) A rolling bearing as set forth in Claim 8, wherein the dynamic viscosity at 40° C of a base oil of said grease is 80 mm²/s or more.
